EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview

with Ted Liu on 6/25/2010.

1. A system for single security administration comprising:

a first application server of a transactional server type, which is configured to execute transaction processes including receiving transactional procedure calls from clients to initiate the transaction processes, wherein the first application server includes

an access control list which defines user security information for use in authorizing the calls from clients, and

a Lightweight Directory Access Protocol (LDAP) authentication server plugin which is configured to forward the transactional procedure calls from clients to another application server for authorization;

a second application server of a non-transactional server type, which is configured to administer security for the first application server, wherein the second application server includes

a user profile database which includes security information for a plurality of users, including for each of the users a mapping of security credentials for that user between the transactional server type and the non-transactional server type, and

an embedded LDAP server which is configured to receive and process the transactional procedure calls from the LDAP authentication server plugin; and

wherein, when a transactional procedure call to initiate a transaction is received from a client at the first application server, the LDAP authentication server plugin

identifies the user associated with the transactional procedure call,

determines that the second application server should authenticate the user,

initiates an LDAP session between the first application server and the second application server,

determines a third application server of a non-transactional server type that stores user and group information for the user, when the second application server fails,

initiates an LDAP session between the first application server and the third application server, and

forwards the transactional procedure call to [[the]] an embedded LDAP server in the third application server,

wherein, upon receiving the transactional procedure call from the LDAP authentication server plugin, the embedded LDAP server

processes the transactional procedure call,

determines a corresponding user information from the user profile database, and

returns the corresponding user information to the LDAP authentication server plugin,

and wherein, after receiving from the embedded LDAP server a corresponding user information as determined by the user profile database at the second application server, the LDAP authentication server plugin

creates a token reflecting an authentication result based on the corresponding user security information, which is subsequently used to authenticate the client to participate in the transaction.

13.   A method for providing single security administration comprising the steps of:

providing a first application server of a transactional server type, which is configured to

execute transaction processes including receiving transactional procedure calls from clients to initiate the transaction processes, wherein the first server includes

an access control list which defines user security information for use in authorizing the calls from clients, and

a Lightweight Directory Access Protocol (LDAP) authentication server plugin which is configured to forward the transactional procedure calls from clients to another application server for authorization;

providing a second application server of a non-transactional server type, which is configured to administer security for the first application server, wherein the second application server includes

a user profile database which includes security information for a plurality of users, including for each of the users a mapping of security credentials for that user between the transactional server type and the non-transactional server type, and

an embedded LDAP server which is configured to receive and process the transactional procedure calls from the LDAP authentication server plugin;

receiving a transactional procedure call to initiate a transaction from a client at the first application server;

performing, via the LDAP authentication server plugin, the steps of

identifying the user associated with the transactional procedure call,

determining that the second application server should authenticate the user,

initiating a LDAP session between the first application server and the second application server,

determining a third application server of a non-transactional server type that stores user and group information for the user, when the second application server fails,

initiating an LDAP session between the first application server and the third application server, and

forwarding the transactional procedure call to [[the]] an embedded LDAP server in the third application server;

receiving the transactional procedure call from the LDAP authentication server plugin at the embedded LDAP server;

performing, via the embedded LDAP server, the steps of

processing the transactional procedure call,

determining a corresponding user information from the user profile database, and

returning the corresponding user information to the LDAP authentication server plugin;

receiving from the embedded LDAP server a corresponding user information as determined by the user profile database at the second application server; and

creating, via the LDAP authentication server plugin, a token reflecting an authentication result based on the corresponding user security information, which is subsequently used to authenticate the client to participate in the transaction.

60.   A non-transitory machine readable storage medium having instructions embedded thereon and performing the following functions when executed by a processor:

providing a first application server of a transactional server type, which is configured to execute transaction processes including receiving transactional procedure calls from clients to initiate the transaction processes, wherein the first server includes

an access control list which defines user security information for use in authorizing the calls from clients, and

a Lightweight Directory Access Protocol (LDAP) authentication server plugin which is configured to forward the transactional procedure calls from clients to another application server for authorization;

providing a second application server of a non-transactional server type, which is configured to administer security for the first application server, wherein the second application server includes

a user profile database which includes security information for a plurality of users, including for each of the users a mapping of security credentials for that user between the transactional server type and the non-transactional server type, and

an embedded LDAP server which is configured to receive and process the transactional procedure calls from the LDAP authentication server plugin;

receiving a transactional procedure call to initiate a transaction from a client at the first application server; and

performing, via the LDAP authentication server plugin, the steps of

identifying the user associated with the call,

determining that the second application server should authenticate the user,

initiating a LDAP session between the first application server and the second application server,

determining a third application server of a non-transactional server type that stores user and group information for the user, when the second application server fails,

initiating an LDAP session between the first application server and the third application server, and

Allowable Subject Matter

Claims 1, 3, 7-11, 13-14, 16, 20-24, 52-53, 55, 60, 63-65 are allowed.

Fisher and Fictner, taken alone or in combination, do not teach: a first application server of a transactional server type, which is configured to execute transaction processes including receiving transactional procedure calls from clients to initiate the transaction processes, wherein the first application server includes

an access control list which defines user security information for use in authorizing the calls from clients, and

a Lightweight Directory Access Protocol (LDAP) authentication server plugin which is configured to forward the transactional procedure calls from clients to another application server for authorization;

a second application server of a non-transactional server type, which is configured to administer security for the first application server, wherein the second application server includes

a user profile database which includes security information for a plurality

of users, including for each of the users a mapping of security credentials for that

user between the transactional server type and the non-transactional server type,

and

an embedded LDAP server which is configured to receive and process the

transactional procedure calls from the LDAP authentication server plugin; and

wherein, when a transactional procedure call to initiate a transaction is received

from a client at the first application server, the LDAP authentication server plugin

identifies the user associated with the transactional procedure call,

determines that the second application server should authenticate the

user,

initiates an LDAP session between the first application server and the

second application server,

determines a third application server of a non-transactional server type

that stores user and group information for the user, when the second application

server fails,

initiates an LDAP session between the first application server and the third

application server, and

forwards the transactional procedure call to [[the]] an embedded LDAP

server in the third application server,

wherein, upon receiving the transactional procedure call from the LDAP

authentication server plugin, the embedded LDAP server

processes the transactional procedure call,

determines a corresponding user information from the user profile database, and

returns the corresponding user information to the LDAP authentication server plugin,

and wherein, after receiving from the embedded LDAP server a corresponding user information as determined by the user profile database at the second application server, the LDAP authentication server plugin

creates a token reflecting an authentication result based on the corresponding user security information, which is subsequently used to authenticate the client to participate in the transaction.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to HARRIS C. WANG whose telephone number is (571)270-1462. The examiner can normally be reached on M-F 9-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, EDAN ORGAD can be reached on (571) 272-7884. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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/Christian LaForgia/
Primary Examiner, Art Unit 2439

/Harris C Wang/
Examiner, Art Unit 2439